

## WHAT IS CLAIMED IS:

1. A program control information generator for a broadcasting station system for generating and transmitting program control information from  
5 program information and schedule information, characterized by an input section for accepting inputs of the program information or the schedule information from a program organization apparatus, a band adjustment section for adjusting a program control information amount with a band over, and a storage section for storing said program information.  
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2. The program control information generator according to claim 1, characterized by a schedule adjustment section capable of setting a plurality of adjustment methods.
- 15 3. The program control information generator according to claim 2, characterized in that said schedule adjustment section adjusts a schedule by preferentially setting program information for the day or the next day to an adjustment method.
- 20 4. The program control information generator according to claim 2, characterized in that said schedule adjustment section adjusts a schedule by preferentially setting an earlier registered program or a later registered program.
- 25 5. The program control information generator according to claim 2, characterized in that said schedule adjustment section can resume a pre-

adjustment schedule when it has changed schedule information preceding or following a schedule adjusted once.

6. The program control information generator according to claim 5,  
5 characterized in that said schedule adjustment section can previously set priorities to a plurality of adjustment methods.

7. The program control information generator according to claim 2,  
characterized in that said storage section retains original schedule  
10 information inputted from the program organization apparatus and schedule information after the schedule adjustment.

8. The program control information generator according to claim 2,  
characterized in that said storage section retains program information  
15 erased on the schedule as a result of the schedule adjustment made by the schedule adjustment section.

9. The program control information generator according to claim 2,  
characterized in that said input section checks the program information  
20 completely at an input, having an error detecting function, and determines a timing for generating and transmitting section data from the program information.

10. The program control information generator according to claim 2,  
25 characterized in that, if section data to be transmitted exceeds the transmission band, said band adjustment section cuts program information

so as to fit into the band.

11. The program control information generator according to claim 10,  
characterized in that said band adjustment section is capable of changing  
5 an adjustment method by settings at the band adjustment.

12. A program control information generator for a broadcasting station  
system for generating and transmitting program control information from  
program information and schedule information, characterized by a  
10 difference detecting section for detecting and generating section data  
including only a difference from the previous generated section at a section  
generation when section data is generated from program information and  
program schedule information inputted from a program organization  
apparatus.

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13. The program control information generator according to claim 12,  
characterized by a storage section for storing the program information and a  
section generating section for sectioning by acquiring differential data from  
the storage section.

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14. A program control information generator for a broadcasting station  
system for generating and transmitting program control information from  
program information and schedule information, characterized by a  
generation management section for collectively generating and outputting  
25 an information group which has been inputted in a plurality of pieces by the  
plural number of times when section data is generated from the program

information and program schedule information inputted from a program organization apparatus.

15. The program control information generator according to claim 14,  
5 characterized by an input section for accepting inputs of the program information or the schedule information from the program organization apparatus and a section generating section for sectioning in response to an instruction of a section generation from said generation management section.
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16. The program control information generator according to claim 14, characterized in that said generation management section decides a priority order for the inputted information group and determines a generation or output order according to the priority order.